L Number	Hits	Search Text	DB	Time stamp
-	37713	zener adj diode	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 15:24
-	327	(minami-shinichi$ kamigaki-yoshiaki$ yasuoka-hideki$ owada-fukuo$).in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 07:41
-	4	(zener adj diode) and ((minami-shinichi$ kamigaki-yoshiaki$ yasuoka-hideki$ owada-fukuo$).in.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 15:20
-	4	(zener) and ((minami-shinichi$ kamigaki-yoshiaki$ yasuoka-hideki$ owada-fukuo$).in.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 15:20
-	35	(breakdown) and ((minami-shinichi$ kamigaki-yoshiaki$ yasuoka-hideki$ owada-fukuo$).in.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 15:21
-	91	(257/606).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 17:51
-	7	4999683.URPN.	USPAT	2002/06/18 15:34
-	7	("4071852" | "4271445" | "4323909" | "4451839" | "4607274" | "4797720" | "4807011").PN.	USPAT	2002/06/18 15:35
-	3	4646114.URPN.	USPAT	2002/06/18 16:31
-	4	4441114.URPN.	USPAT	2002/06/18 16:37
-	14	("3483441" | "3534231" | "3584266" | "3663874" | "3745424" | "3881179" | "3886579" | "4079402" | "4127932" | "4136349" | "4142200" | "4153904" | "4326211" | "4377816").PN.	USPAT	2002/06/18 16:37
-	4	4224631.URPN.	USPAT	2002/06/18 17:27
-	3	("4051504" | "4079402" | "4127859").PN.	USPAT	2002/06/18 17:28
-	2	3723832.URPN.	USPAT	2002/06/18 17:29
-	153	(257/605).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 17:51
-	91	(257/606).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 17:52
-	105	(257/604).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 17:52
-	362	(257/603).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 17:52
-	142	((257/605).CCLS.) not ((257/606).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 18:26
-	3	4171528.URPN.	USPAT	2002/06/18 18:04
-	2	("3534231" | "4030117").PN.	USPAT	2002/06/18 18:04
-	5	4030117.URPN.	USPAT	2002/06/18 18:05

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-	514	(SUGAWARA-TAKESHI$ FURUSAWA-KAZUNORI$ TERASAWA-MASAAKI$ KAMIGAKI-YOSHIAKI$).in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 18:10
-	50709	zener avalanche	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 18:10
-	24	(((SUGAWARA-TAKESHI$ FURUSAWA-KAZUNORI$ TERASAWA-MASAAKI$ KAMIGAKI-YOSHIAKI$).in.) and (zener avalanche)) not ((zener) and ((minami-shinichi$ kamigaki-yoshiaki$ yasuoka-hideki$ owada-fukuo$).in.))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 18:11
-	103	((257/604).CCLS.) not ((257/605).CCLS.) not ((257/606).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/18 18:31
-	325	((257/603).CCLS.) not ((257/604).CCLS.) not ((257/605).CCLS.) not ((257/606).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:10
-	661	((257/603) or (257/604) or (257/605) or (257/606)).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:10
-	182	(257/361).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:11
-	356	(257/362).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:11
-	181	((257/361).CCLS.) not (((257/603) or (257/604) or (257/605) or (257/606)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:26
-	270	((257/362).CCLS.) not ((257/361).CCLS.) not (((257/603) or (257/604) or (257/605) or (257/606)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:35
-	332	(257/363).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:35
-	252	((257/363).CCLS.) not ((257/362).CCLS.) not ((257/361).CCLS.) not (((257/603) or (257/604) or (257/605) or (257/606)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:58
-	211	zener with (subsurface sub-surface buried)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:58
-	294	zener same (subsurface sub-surface buried)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 07:58
-	12	("3488527" | "3566213" | "3571630" | "3758831" | "4398142" | "4405932" | "4456918" | "4495694" | "4683483" | "4689651" | "4734752" | "4948745").PN.	USPAT	2002/06/20 08:06
-	0	5929503.URPN.	USPAT	2002/06/20 08:07
-	4	4441114.URPN.	USPAT	2002/06/20 08:22
-	14	("3483441" | "3534231" | "3584266" | "3663874" | "3745424" | "3881179" | "3886579" | "4079402" | "4127932" | "4136349" | "4142200" | "4153904" | "4326211" | "4377816").PN.	USPAT	2002/06/20 08:23
-	18	3881179.URPN.	USPAT	2002/06/20 09:14

-	9	4393575.URPN.	USPAT	2002/06/20 09:20
-	27	((SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$ TERASAWA-MASAAKI\$ KAMIGAKI-YOSHIAKI\$).in.) and (zener avalanche)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2002/06/20 10:36
-	317	(minami-shinichi\$ kamigaki-yoshiaki\$ yasuoka-hideki\$ owada-fukuo\$).in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:48
-	1	zener and clamp\$	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:13
-	6648	zener and (clamp clamping)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:13
-	2284	zener with (clamp clamping)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:13
-	3041	zener same (clamp clamping)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:14
-	201	zener and (clamp clamping) and buried	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:15
-	142	zener SAME buried and (series serially)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:17
-	47	zener SAME buried same (series serially)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/31 07:29
-	14528	zener SAME (series serially)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 12:51
-	9124	zener SAME (series serially) near3 (connected connection)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:56
-	6031	zener with (series serially) near3 (connected connection)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:37
-	5915	zener adj diode with (series serially) near3 (connected connection)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:31
-	1016	zener adj diode with (series serially) near3 (connected connection) and (clamp clamping)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:32
-	1	(zener with (series serially) near3 (connected connection)) and 257/606.icls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:39
-	11	(zener with (series serially) near3 (connected connection)) and 257/603.icls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:43
-	1	(zener with (series serially) near3 (connected connection)) and 257/605.icls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:43

-	1	(zener with (series serially) near3 (connected connection)) and 257/604.icls.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:43
-	1	(SUGAWARA-TAKESHI$ and FURUSAWA-KAZUNORI$ and TERASAWA-MASAAKI$ and KAMIGAKI-YOSHIAKi$).in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:50
-	0	63066974.URPN.	USPAT	2003/04/05 13:49
-	27	(SUGAWARA-TAKESHI$ FURUSAWA-KAZUNORI$ TERASAWA-MASAAKI$ KAMIGAKI-YOSHIAKi$).in. and zener	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:50
-	0	20010013611.URPN.	USPAT	2003/04/05 13:53
-	1463	(zener SAME (series serially) near3 (connected connection)) and (flash eprom eeprom memory)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:57
-	938	(zener with (series serially) near3 (connected connection)) and (flash eprom eeprom memory)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:56
-	790	(second plural) near5 zener SAME (series serially) near3 (connected connection)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 13:57
-	101	((second plural) near5 zener SAME (series serially) near3 (connected connection)) and (flash eprom eeprom memory)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 14:19
-	2	((second plural) near5 zener SAME (series serially) near3 (connected connection)) and (flash eprom eeprom memory) and second near5 well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/04/05 14:20
-	329	(minami-shinichi$ kamigaki-yoshiaki$ yasuoka-hideki$ owada-fukuo$).in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 07:43
-	4	(minami-shinichi$ kamigaki-yoshiaki$ yasuoka-hideki$ owada-fukuo$).in. and zener	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:10
-	2287	constant adj voltage near5 circuit and zener	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:10
-	446	constant adj voltage near5 circuit and zener adj diodes!	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:12
-	0	constant adj voltage near5 circuit and zener adj diodes! SAME common near3 well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:47
-	0	constant adj voltage near5 circuit and zener adj diodes! SAME scatter$	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:13
-	0	constant adj voltage near5 circuit and zener SAME common near3 well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:13
-	201	constant adj voltage near5 circuit and zener SAME well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:19
-	322946	(("257") or ("438")).CLAS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:19

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-	56	(constant adj voltage near5 circuit and zener) and ((("257") or ("438")).CLAS.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:19
-	0	20010013611.URPN.	USPAT	2003/08/29 09:26
-	4	zener adj diodes! SAME common near3 well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 09:55
-	29	zener adj diode SAME common near3 well	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 10:16
-	99	(257/606).CCLS.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 10:01
-	4	5298788.URPN.	USPAT	2003/08/29 10:08
-	7	("4276556" | "4319257" | "4441114" | "4758872" | "4766469" | "4910160" | "5027165").PN.	USPAT	2003/08/29 10:09
-	9165	zener adj diode with series	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 10:16
-	321	((("257") or ("438")).CLAS.) and (zener adj diode with series)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/29 11:04
-	4	("5347147" | "5914501" | "5959307" | "6054716").PN.	USPAT	2003/08/29 10:38
-	7	5401996.URPN.	USPAT	2003/08/31 06:03
-	14	("3934159" | "4037140" | "4161741" | "4580063" | "4626882" | "4829350" | "4858055" | "4893158" | "5005061" | "5023692" | "5119153" | "5135880" | "5136349" | "5162966").PN.	USPAT	2003/08/31 06:03
-	7	5027165.URPN.	USPAT	2003/08/31 06:10
-	4	("4071852" | "4646114" | "4677369" | "4766469").PN.	USPAT	2003/08/31 06:12
-	4	4646114.URPN.	USPAT	2003/08/31 06:13
-	6	4748533.URPN.	USPAT	2003/08/31 06:15
-	6	("3573550" | "4271445" | "4323942" | "4400711" | "4573099" | "4651251").PN.	USPAT	2003/08/31 06:16
-	197	zener with buried	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/31 07:41
-	5	("5241213" | "5643820" | "5760450" | "5770886" | "6207484").PN.	USPAT	2003/08/31 07:32
-	1	"4777518".PN.	USPAT	2003/08/31 07:33
-	0	("4,398,1424,652,895").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/31 07:41
-	0	("4,398,1424,652,895").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/31 07:41
-	2	(("4,398,142") or ("4,652,895")).PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/31 08:21
-	9	4652895.URPN.	USPAT	2003/08/31 07:42

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–	8	4398142.URPN.	USPAT	2003/08/31 07:43
–	5	4870467.URPN.	USPAT	2003/08/31 07:47
–	2	5756387.URPN.	USPAT	2003/08/31 07:49
–	11	("4079402" | "4106048" | "4127859" | "4203781" | "4213806" | "4473941" | "4683483" | "4742021" | "4870467" | "5475245" | "5545914").PN.	USPAT	2003/08/31 07:49
–	15	4106048.URPN.	USPAT	2003/08/31 07:51
–	7	4766469.URPN.	USPAT	2003/08/31 07:55
–	7	("4276556" | "4319257" | "4441114" | "4758872" | "4766469" | "4910160" | "5027165").PN.	USPAT	2003/08/31 07:56
–	7	5027165.URPN.	USPAT	2003/08/31 07:57
–	4	4441114.URPN.	USPAT	2003/08/31 08:00
–	4	4646114.URPN.	USPAT	2003/08/31 08:01
–	7	("3403306" | "4079402" | "4136349" | "4224631" | "4313083" | "4315209" | "4441114").PN.	USPAT	2003/08/31 08:01
–	5	4224631.URPN.	USPAT	2003/08/31 08:02
–	3	("4051504" | "4079402" | "4127859").PN.	USPAT	2003/08/31 08:02
–	0	5583367.URPN.	USPAT	2003/08/31 08:10
–	7	("4549088" | "4673964" | "4780625" | "4782375" | "4929993" | "4987467" | "5095349").PN.	USPAT	2003/08/31 08:10
–	1	("4,213,806").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/08/31 08:21
–	16	4213806.URPN.	USPAT	2003/08/31 08:21
–	6	("3378915" | "3765961" | "3881179" | "3886001" | "4099998" | "4136349").PN.	USPAT	2003/08/31 08:24
–	7	("3829717" | "3916508" | "4213806" | "4260946" | "4313083" | "4477737" | "4562400").PN.	USPAT	2003/08/31 08:25
–	19	4677369.URPN.	USPAT	2003/08/31 08:25
–	22	4590664.URPN.	USPAT	2003/08/31 08:30

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